

FINAL AGENDA

CBRFC Fifth Annual Stakeholder Forum Agenda
Colorado Basin River Forecast Center
Salt Lake City, UT
October 20th 2015

-- Tuesday October 20th --

9:00 am -9:35 am

Introductions & Logistics

2014 Stakeholder Forum - Status of 2014 Recommendations

Goals for this year's meeting

Identify the sources of error and uncertainty in the forecasting process, and discuss some ways to address them

Discuss how to interpret CBRFC forecasts, especially the probabilistic nature of the forecasts.

9:35 am - 10:05 am

Hydrologic Model Overview

10:05 am - 10:15 am : Break

10:15 am - 10:50 am

Sources of Errors & Uncertainties in the Forecast Process

Summary of Model Limitations / Errors

Data Network Limitations (how do these impact model states)

Unmeasured Depletions (consumptive use)

Forcings (observed and forecast)

10:50 am - 11:50 am

Addressing Uncertainties and Sources of Error

Global Ensemble Forecast Systems & Climate Forecast Systems

Skill of GEFS & CFS

Using This Data in the Forecast Process (HEFS)

Initial Analysis & Results

Post Adjustment Methods

Snow Model State Adjustments

SWE updating methods

“Dust on Snow” data from satellites

Noon - 12:40 pm: Lunch (pre-purchased)

12:40 pm - 1:40 pm:

Office Tours & Demonstrations

- 1) CBRFC Operations Demo
- 2) SLC Weather Forecast Office Tour
- 3) Tour of the CBRFC Web Page

1:40 pm - 1:50 pm

Addressing Uncertainties and Sources of Error (con't)

Gridded Hydrologic modeling

USU UEB Snow Model

Gridded (RTI) Model

WRF-Hydro

1:50 pm - 2:50 pm

CBRFC Forecast Interpretation

Statistical / probability concepts

10/50/90 explanation

Did the Model get it right ?

Assessing Model Performance (Examples)

Forecast Verification Information

Available verification information

2:50pm - 3:00 pm: Break

3:00 pm - 3:45 pm

General Discussion and Wrap-Up

CBRFC Summary / Review / Plans

Stakeholder Comments

Discussion